

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2**Complete if Known**

Application Number	10/603,683
Filing Date	06/25/03
First Named Inventor	John H. Amstad
Art Unit	1761
Examiner Name	Simone
Attorney Docket Number	6189.002

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JS		US- Re. 35,789	05-12-1998	Amstad	—
JS		US- 3,566,942	03-02-1971	Smith	—
JS		US- 3,757,677	09-11-1973	Brady et al.	—
JS		US- 3,848,524	11-19-1974	Semrow	—
JS		US- 3,946,658	03-30-1976	Smith	—
JS		US- 4,062,985	12-13-1977	Amstad	—
JS		US- 4,068,574	01-17-1978	Amstad	—
JS		US- 4,132,162	01-02-1979	Magnuson	—
JS		US- 4,143,593	03-13-1979	van Raay	—
JS		US- 4,325,297	04-20-1982	Weyant	—
JS		US- 4,442,764	04-17-1984	Bos et al.	—
JS		US- 4,572,445	02-25-1986	Cristante	—
JS		US- 4,621,573	11-11-1986	Lange	—
JS		US- 4,842,883	06-27-1989	Amstad	—
JS		US- 5,065,672	11-19-1991	Federighi, Sr.	—
JS		US- 5,106,641	04-21-1992	Bichel	—
JS		US- 5,245,918	09-21-1993	Volk, Sr.	—
JS		US- 5,245,919	09-21-1993	Neidigh	—
JS		US- 5,285,548	02-15-1994	Moll	—

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
JS		EP 0 518 209 B1	10-18-1995	Popma et al.	—	
JS		EP 0 714 241 B1.	11-10-1999	Le Faou et al.	—	
JS		EP 0 892 612 B1	10-02-2002	Fuhrman	—	
JS		EP 1 139 837 B1	12-04-2002	Karkos, Jr.	—	

Examiner Signature	T. F. Simone	Date Considered	03/17/04
-----------------------	--------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	2	of	2
-------	---	----	---

**Complete if Known**

Application Number	10/603,683
Filing Date	06/25/03
First Named Inventor	John H. Amstad
Art Unit	1761
Examiner Name	Simone
Attorney Docket Number	6189.002

[illegible][illegible]

Examiner Signature	T. F. Simone	Date Considered	03/17/04
-----------------------	--------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**